

DERWENT-ACC-NO: 1982-54981E

DERWENT-WEEK: 198227

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TITLE: Stitch bonded double faced pile fabric - produced from double layer web comprising high shrink and non shrink fibres

INVENTOR: SCHOLTIS, W

PATENT-ASSIGNEE: PLOCH S[PLOC]

PRIORITY-DATA: 1980DD-0224632 (October 17, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DD 153712 A	January 27, 1982	N/A	010	N/A

INT-CL (IPC): D04B021/02, D04B023/10

ABSTRACTED-PUB-NO: DD 153712A

BASIC-ABSTRACT:

A stitch-bonded, double-faced pile fabric is produced from a two-layer web comprising a first layer of high-shrinkage, pref. polyester, fibres, and a second layer of non-shrink fibres, to which a series of warp-pile yarns are stitch-bonded in conventional manner to produce a face pile.

The fabric then undergoes a heat treatment to shrink the shrinkable fibres, causing the fabric to contract laterally and drawing the non-shrink fibres into a series of weft-way loops which form a pile on the back of the fabric.

The process gives a high-quality, double-faced pile fabric of high elasticity, which is produced at a high rate on a machine with a single needle bar.

TITLE-TERMS: STICH BOND DOUBLE FACE PILE FABRIC PRODUCE DOUBLE LAYER WEB

COMPRISE HIGH SHRINK NON SHRINK FIBRE

DERWENT-CLASS: A94 F04

CPI-CODES: A05-E01B; A11-C05A; A12-S05G; F02-C02A; F03-A02;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1291 1982 2414 2486 2528 2601 2628 2654 2820

Multipunch Codes: 013 04- 143 144 252 253 32& 331 428 429 481 483 541 547 551
560 566 575 596 664 665